

*Chas. Hude*

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Germany

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PATENTS  
Tage Nørgaard ◦  
Ulrik Nørgaard ◦  
Ole Thierry-Carstensen ◦ ◦  
Peter Kim Jensen ◦ ◦  
Ulla C. Klinge ◦ ◦  
Jørgen Siiger ◦ ◦  
Henrik Zeuthen-Aagaard ◦ ◦  
Erik Lichtenberg ◦ ◦  
Bent Christensen ◦ ◦  
Henrik Dylmer  
Peter Englev ◦ ◦  
Ebbe Johansen  
Michael Henriksen  
Nils Olav Kilen  
Ulrik von Freiesleben  
Hans Henrik Bjerstrup  
Hans P. Mathiesen ◦ ◦ *consultant*  
Susanne Nord *secretariat*  
Kirsten M. Jensen *annuities*  
SEARCHES: Ase Damm

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TRADE MARKS  
AND DESIGNS  
Kaj L. Henriksen ◦ ◦  
Henrik Jespersen ◦ ◦  
Claus Hyllinge ◦  
Birgitte Waagepetersen ◦ ◦  
Christian Kragelund  
Peter Larsen ◦ ◦  
Kristiane B. Vandborg  
Inge Petersen *renewals*  
Sonja Nielsen *assignments*

ACCOUNTING/DP  
Steffen Hussing

◦ *Member of The Association  
of Danish Patent Agents*  
◦ *European Patent Attorney*  
◦ *European Trade Mark  
Attorney*

31 January 2001  
by courier

Dear Sirs

PCT patent application No PCT/DK00/00155  
Applicant: Danisco A/S et al.  
My ref: 72178 Jen/cor

In reply to the Written Opinion of 4 December 2000 I am pleased to forward a new page 12 containing amended claims 1 and 3 and substitute pages 1, 2 and 2a containing a new introduction to the specification adapted to the amended main claim as well as a mention of D1 and D2. The amendments further appear from the enclosed handwritten draft. No new subject-matter has been introduced by the amendments carried out.

EP-A2 0380110 discloses a stand-up bag of the type stated in the preamble to claim 1 of the present invention and wherein the transverse top connections between the upper edge portions of the top wall and the upper edge portions of the respective side walls are non-peelable connections. The bag is provided with a closable discharge nozzle in the upper portion of one of the side walls for discharging the contents of the bag.

WO 99/10246 discloses a bag having an inwardly folded top wall and comprising a reclosable fastening member between the upper edge portion of the top wall and an upper edge portion of the adjacent side wall. In the shown and described embodiment the reclosable fastening member is formed of a plastic zipper. In addition hereto on page 5, lines 13-14 the following examples of reclosable fastening members are mentioned: a plastic zipper with a slider, an adhesive fastener, VELCRO and snaps. However none of the mentioned or shown fasteners are capable of providing a gas-tight connection or closure and thus a gas-tight bag. The provision of such fasteners is furthermore both difficult and expensive.

Chas. Hude A/S  
H.C. Andersens Boulevard 33  
DK-1780 Copenhagen V  
Denmark

Telephone  
(+ 45) 33 15 45 14

Telefax  
(+ 45) 33 15 45 35 (Pat.)  
(+ 45) 33 15 51 08 (TM)

E-mail  
chashude@chashude.dk  
A/S Reg. No. 179.446

Postal cheque (giro): 500-0599  
Unibank A/S. IBAN: DK4420005010120700  
Bank: S.W.I.F.T.address: UNIBDKKK  
Tax I.D./VAT No.: DK 1293170

According to the new claim 1 the stand-up bag according to the present invention is characterised in that at least one of the transverse connections between the top wall and the side walls is a heat-sealed peelable connection provided between an upper edge portion of the top wall and an upper edge portion of the adjacent side wall. By providing the peelable connection by heat sealing, it is possible to provide a gas-tight connection and thereby a gas-tight bag in a very convenient and cost-effective manner which is well-suited both for producing bags formed and filled on a form-, fill- and seal machine and for producing pre-fabricated bags for subsequent filling and sealing.

The Examining Authority is hereby respectfully requested to issue a Preliminary Examination report recognising the patentability of the present invention.

Yours faithfully

Peter Kim Jensen  
Representative of the applicant

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